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September 21, 1992

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Document Processing Center (TS-790)  
Office of Pollution Prevention and Toxics  
U. S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460  
Attn: Section 8(e) Coordinator (CAP Agreement)

Dear Sir or Madam:

Subject: Report submitted in accordance with guidelines established by the U. S. Environmental Protection Agency Registration and Agreement for the TSCA 8(e) Compliance Audit Program

Report submitted by: Eastman Kodak Company  
343 State Street  
Rochester, NY 14650  
(716) 724-4000  
CAP Agreement Identification Number (8ECAP-0039)

The report pertains to 1-isocyanato-4-methylbenzene [CAS# 622-58-2] and is being submitted because of effects observed in an acute inhalation toxicity test in rats. All animals exposed at 0.48 mg/L, the lowest dose tested, died in sixteen days. The report is being identified as a study involving other than human effects (Unit II.B.2.b of CAP Agreement).

This material has been used internally and sold as a pure chemical. Annual sales have been 0.3-12 kg/year.

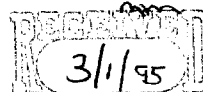
Questions regarding this submission should be addressed to:  
Mr. William Hart, Eastman Kodak Company  
Corporate Health and Environment Laboratories  
Rochester, NY 14652-3615  
(716) 722-5991

Sincerely,

R. Hays Bell

R. Hays Bell, Ph.D., Vice President  
Corporate Health, Safety and Environment  
(716) 722-5036

RHB:JAF  
Enclosure



TOXICITY REPORT - E. K. CO. - LABORATORY OF INDUSTRIAL MEDICINE

HS&HFL No.:  
Acc. No.: 901985

Chemical: Benzene, 1-isocyanato-4-methyl-

Type of Exposure	Animals* No. and Species	Conc.	Time	Mortality	Symptoms
<u>Inhalation</u>					
Airflow 2 L/min through compound at room temperature	3 R	4.74 mg/L (871 ppm)	2 hr. 59 min	3/3	Accelerated respiration, gasping, excessive salivation, convulsions, narcosis
Airflow ½ L/min through compound. 3½ L/min bypass.	3 R	0.48 mg/L (88 ppm)	6 hr	0/3  3/3 in 16 days	

\*G.P. = Guinea Pig, M = Mouse,  
R = Rat, RB = Rabbit

Remarks:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

R. Hays Bell, Ph.D.  
Vice President, Corporate Health, Safety, and Environment  
Eastman Kodak Company  
343 State Street  
Rochester, New York 14650

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MAY 08 1995

EPA acknowledges the receipt of information submitted by your organization under Section 8(e) of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA §8(e) Document Control Number (e.g., 8EHQ-00-0000) assigned by EPA to your submission(s). Please cite the assigned 8(e) number when submitting follow-up or supplemental information and refer to the reverse side of this page for "EPA Information Requests".

All TSCA 8(e) submissions are placed in the public files unless confidentiality is claimed according to the procedures outlined in Part X of EPA's TSCA §8(e) policy statement (43 FR 11110, March 16, 1978). Confidential submissions received pursuant to the TSCA §8(e) Compliance Audit Program (CAP) should already contain information supporting confidentiality claims. This information is required and should be submitted if not done so previously. To substantiate claims, submit responses to the questions in the enclosure "Support Information for Confidentiality Claims". This same enclosure is used to support confidentiality claims for non-CAP submissions.

Please address any further correspondence with the Agency related to this TSCA 8(e) submission to:

Document Processing Center (7407)  
Attn: TSCA Section 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency  
Washington, D.C. 20460-0001

EPA looks forward to continued cooperation with your organization in its ongoing efforts to evaluate and manage potential risks posed by chemicals to health and the environment.

Sincerely,

*Terry R. O'Bryan*  
Terry R. O'Bryan  
Risk Analysis Branch

Enclosure

12522A



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### Triage of 8(e) Submissions

Date sent to triage: 12/14/95

NON-CAP

CAP

Submission number: 12522A

TSCA Inventory:

Y

N

D

Study type (circle appropriate):

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ECO

AQUATO

Group 2 - Ernie Falke (1 copy total)

ATOX

SBTOX

SEN

W/NEUR

Group 3 - Elizabeth Margosches (1 copy each)

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EPI

RTOX

GTOX

STOX/ONCO

CTOX/ONCO

IMMUNO

CYTO

NEUR

Other (FATE, EXPO, MET, etc.):

Notes:

**THIS IS THE ORIGINAL 8(e) SUBMISSION; PLEASE REFILE AFTER TRIAGE DATABASE ENTRY**

#### For Contractor Use Only

entire document

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1

2

pages

1

pages

1-2

Notes:

Contractor reviewer :

LPS

Date:

4/14/95

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Acute inhalation toxicity in rats is of ~~moderate~~ concern. Single 6-hour inhalation exposures to rats (3/group) at levels of 480 and 4740 mg/m<sup>3</sup> were lethal to 3/3 high-concentration rats within 3 hours and 3/3 low-concentration rats within 16 days. Clinical signs included accelerated respiration, gasping, excessive salivation, convulsions, and narcosis in high-concentration animals.